

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| S1 | 35668 | water with insoluble with polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/05 04:00 |
| S2 | 9016 | water adj insoluble adj polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/05 04:00 |
| S3 | 1250 | S2 and (spice biocide antimicrobial bactericide fungicide algacide mildewicide disinfectant bleach antiseptic insecticide repellent vermicide hormone perfume) and substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/05 04:06 |
| S4 | 211 | S2 same (spice biocide antimicrobial bactericide fungicide algacide mildewicide disinfectant bleach antiseptic insecticide repellent vermicide hormone perfume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/05 12:49 |
| S5 | 9016 | water adj insoluble adj polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/05 12:50 |
| S6 | 18 | S5 same (limonene (benzyl adj alcohol) dihydromyrcenol (methyl adj benzoate) linalool (phenyl adj ethyl adj alcohol) citronellal (benzyl adj acetate) citronellol citral) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/05 13:10 |
| S7 | 21 | skodell-birgit.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/05 13:14 |
| S8 | 2 | "6849591".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/05 13:15 |
| S9 | 0 | S8 and insoluble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/05 13:15 |

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|-----|--------|--|---|----|----|------------------|
| S10 | 4547 | cationic adj monomer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 18:52 |
| S11 | 797712 | ((ethylene adj glycol adj phenyl adj ether acrylate) (EGPhA)) (trans\$1cinnamic) ("2"\$1ethyl adj hexyl adj acrylate) (methyl adj methacrylate) (methyl adj acrylate) (ethyl adj acrylate) (n\$1propyl adj acrylate) (iso\$1propyl adj acrylate) (n\$butyl adj acrylate) (isobutyl adj acrylate) (hydroxyethyl adj acrylate) (hydroxypropyl adj acrylate) (benzyl adj acrylate) (ethylhexyl adj acrylate) (n\$1propyl adj methacrylate) (ethyl adj methacrylate) (iso\$1propyl adj methacrylate) (isobutyl adj methacrylate) (n\$1butyl adj methacrylate) (methacrylic adj acid) (acrylic adj acid) (acrylamide) (methacrylamide) (styrene) (methyl adj styrene) (hydroxyethyl adj methacrylate) (hydroxypropyl adj methacrylate) (hydroxybutyl adj acrylate) (hydroxybutyl adj methacrylate) (PEG adj acrylate) (phenyl adj methacrylamide) (t\$1butyl adj methacrylamide) (p\$1hydroxyphenyl adj methacrylamide) (vinyl adj ethers) (vinyl adj ketones) (vinyl adj acetate) (vinyl adj phenol) (acylamido\$3methylpropanesulfonic) (vinylsulfonate) (vinylpropionate) (methylallylsulfonic) (N\$1vinyl adj formamide) (N\$1vinylpyrrolidone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:13 |

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| S12 | 195723 | (indolyl) (isoindolyl adj imidazolyl) (imidazolyl) (piperidinyl adj pyrazolyl) (pyrazolyl) (pyridinyl) (piperazinyl) (pyrrolidinyl) (pyrrolidinyl) (guanidino) (amidino) (quinidinyl) (thiazolyl) (morpholine) (dimethylamino adj alkyl adj acrylate) (dimethylaminoethyl adj methacrylate) (vinyl adj pyrrolidone) (vinyl adj imidazolyl) ((vinyl adj ether) same dialkyl adj amino) (vinyl adj pyridine) (alkyl adj acrylamide) (dialkylamino adj alkyl adj acrylamide) (amino adj alkyl adj acrylamide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:20 |
| S13 | 80239 | S11 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:20 |
| S14 | 39443 | S11 same S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:21 |
| S15 | 4066 | S14 and (perfume fragrance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:42 |
| S16 | 13 | S15 and kovats | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:28 |
| S17 | 718 | kovats | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:28 |
| S18 | 73 | kovats adj index | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:33 |
| S19 | 46 | S18 and perfume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:33 |

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|-----|--------|--|---|----|----|------------------|
| S20 | 438 | S14 same (perfume fragrance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:45 |
| S21 | 39 | ("20020010107" "20020058015" "20020065208" "3681248" "4209417" "4318746" "4326967" "4339356" "4394127" "4973422" "5188753" "5246603" "5556450" "6024943" "6194375" "6436421" "6465420").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:46 |
| S22 | 1 | S20 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 19:47 |
| S23 | 2 | S15 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 20:12 |
| S24 | 5 | S12 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/24 20:12 |
| S25 | 106131 | (propylene adj oxideethylene adj oxide) (ethyleneoxide\$1propylenoxide with polyethylenimines) ((polyoxyethylene near2 isooctylphenyl) adj ether) (ethoxylates) (polyethoxylated adj polyterephthalate adj block) (polyvinylpyrrolidone) (copolymers near3 vinylpyrrolidone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 14:22 |
| S26 | 1 | S25 and "20020058015".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 14:49 |

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| S27 | 446057 | (ricinolyamidopropyltrimethyl\$1ammoniummetho adj sulfate) or (cocopentylethoxymethyl\$1ammoniummethyl adj sulfate) or (cocobis\$12-hydroxyethyl\$1 adj methylammonium adj chloride) or (cetyltrimethylammonium adj bromide) or (cetylpyridinium adj chloride) or (glyceryl adj stearate) or (stearadamidoethyl adj diethylamine) or (ethoxylated adj oleylamines) or (ethoxylated adj fatty adj amines) or (ethoxylated adj quaternised adj fatty adj amines) or (ethoxylated adj fatty adj alcohols) or (sorbitan adj stearate) or (polysorbate) or (stearate) or (sodium adj dodecyl adj sulfate) or (ammoniumnonoxynol adj sulfate) or (dodecyltrimethyl adj ammonium adj bromide) or (sodium adj lauryl adj sulfate) or (sodium adj laurate) or (gelatine) or (polyvinylalcohol) or (aminomethylated adj starch) or (poly\$1vinylalcohol\$1co\$1vinylacetate adj copolymers) or (modified adj cellulose near2 carboxymethyl adj cellulose) or (methyl adj cellulose) or (hydroxyethyl adj cellulose) or (polyoxyethylene) or (polyvinylpyrrolidone) or (polyoxyethylene adj polyoxypropylene adj polyoxyethylene) or (((polyether\$1modified dimethicones) (polyether-alkyl-dimethicones)) adj copolymers) or (cationic adj (silicones or polyimides)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 14:48 |
| S28 | 1 | S27 and "20020058015".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 14:54 |
| S29 | 39 | ("20020010107" "20020058015" "20020065208" "3681248" "4209417" "4318746" "4326967" "4339356" "4394127" "4973422" "5188753" "5246603" "5556450" "6024943" "6194375" "6436421" "6465420").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 14:54 |

EAST Search History

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| S30 | 2 | S29 and "20020058015".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 14:54 |
| S31 | 8 | S25 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 15:40 |
| S32 | 13 | S27 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 15:48 |
| S33 | 404 | colloidal adj stabilizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 15:59 |
| S34 | 109 | S33 and "39" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 15:49 |
| S35 | 0 | S29 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 15:49 |
| S36 | 150918 | emulsifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 15:49 |
| S37 | 8 | S29 and S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 15:49 |
| S38 | 69 | S33 and ((insoluble near2 water) with polymer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:32 |
| S39 | 347 | 512/2.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:32 |

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| S40 | 1 | S39 and (colloid\$3 near2 stabiliz\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:35 |
| S41 | 3838 | 424/59.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:34 |
| S42 | 151176 | "424"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:34 |
| S43 | 151176 | "424"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:35 |
| S44 | 385 | S43 and (colloid\$3 near2 stabiliz\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:39 |
| S45 | 51 | S44 and ((insoluble near2 water) with polymer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:42 |
| S46 | 1 | S45 and cation\$2 and non\$1cation\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:42 |
| S47 | 0 | dykstra-robert.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:38 |
| S48 | 995 | dykstra.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:38 |
| S49 | 299 | gallon.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:38 |

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|-----|-------|---|---|----|----|------------------|
| S50 | 1358 | clapp.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:38 |
| S51 | 6 | S48 and S49 and S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:48 |
| S52 | 35445 | S43 and ((colloid\$3 near2 stabiliz\$4) or emulsif\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 17:16 |
| S53 | 35445 | S43 and ((colloid\$3 near2 stabiliz\$4) or emulsif\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:41 |
| S54 | 35238 | S43 and emulsif\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:41 |
| S55 | 35238 | S43 and emulsif\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:41 |
| S56 | 400 | S53 and cation\$2 and non\$1cation\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 17:13 |
| S57 | 63 | S56 and ((insoluble near2 water) with polymer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 18:54 |
| S58 | 21 | S48 and S49 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 16:49 |
| S59 | 10581 | S53 and cation\$2 and (non\$1cation\$2 or anion\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 17:14 |

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| S60 | 923 | S59 and ((insoluble near2 water) with polymer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 17:15 |
| S61 | 2412 | S53 and ((cation\$2 and (non\$1cation\$2 or anion\$2)) with (monomer or polymer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 17:16 |
| S62 | 485 | S61 and ((insoluble near2 water) with polymer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 17:17 |
| S63 | 385 | S43 and (colloid\$3 near2 stabiliz\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 17:16 |
| S64 | 49 | S63 and ((cation\$2 and (non\$1cation\$2 or anion\$2)) with (monomer or polymer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 17:16 |
| S65 | 14 | S64 and ((insoluble near2 water) with polymer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 17:17 |
| S66 | 151176 | "424"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 18:53 |
| S67 | 385 | S66 and (colloid\$3 near2 stabiliz\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 18:53 |
| S68 | 49 | S67 and ((cation\$2 and (non\$1cation\$2 or anion\$2)) with (monomer or polymer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 18:53 |
| S69 | 14 | S68 and ((insoluble near2 water) with polymer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 20:11 |

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| S70 | 1 | "20030017125".pn. and insoluble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 20:12 |
| S71 | 1 | "20030017125".pn. and soluble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/20 20:12 |